

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/627,831		
		Filing Date	July 24, 2003		
		First Named Inventor	William R. Dolbier, Jr.		
		Art Unit	1621		
		Examiner Name			
Sheet	1	of	2	Attorney Docket Number	UF-332CXC1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JR	U1	US-3,102,903	09-03-1963	Coffman et al.	All
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
JR	F1	GB 907 648	10-10-1962	Imperial Chem. Indust. Ltd.	All	
JR	F2	GB 905 006	09-05-1962	Imperial Chem. Indust. Ltd.	All	
JR	F3	GB 891 552	03-14-1962	Imperial Chem. Indust. Ltd.	All	
	F4					
	F5					
	F6					
	F7					

Examiner Signature	<i>Glenn Hollan</i>	Date Considered	<i>Aug 23 2004</i>
--------------------	---------------------	-----------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Project of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/627,831		
		Filing Date	July 24, 2003		
		First Named Inventor	William R. Dolbier, Jr.		
		Group Art Unit	1621		
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	UF-332CXC1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	AIT-MOHAND, S. and W.R. DOLBIER "New and convenient method for incorporation of pentafluorosulfanyl (SF ₅) substituents into aliphatic organic compounds" <i>Organic Letters</i> , 2002, 4(17):3013-3015.	
	R2		
	R3		
	R4		
	R5		
	R6		
	R7		
	R8		
	R9		
	R10		
	R11		
	R12		
	R13		

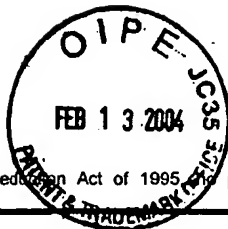
Examiner Signature		Date Considered	May 23, 2004
--------------------	--	-----------------	--------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (08-03)

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

+

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/627,831
		Filing Date	July 24, 2003
		First Named Inventor	William R. Dolbier, Jr.
		Group Art Unit	1621
		Examiner Name	
Sheet	1	of	1
		Attorney Docket Number	UF-332CXC1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	BOWDEN, R.D. et al. "A new method for the synthesis of aromatic sulfurpentafluorides and studies of the stability of the sulfurpentafluoride group in common synthetic transformations" <i>Tetrahedron</i> , 2000, 56:3399-3408.	
	R2	CASE, J.R. et al. "Sulphur Chloride Pentafluoride: Reaction with Unsaturated Hydrocarbons" <i>J. Chem. Soc.</i> , 1961, 2066-2070.	
	R3	CHAMBERS, R.D. and R. SPINK, "Microreactors for elemental fluorine" <i>Chem. Commun.</i> , 1999, 883-884.	
	R4	FOKIN, A.V. et al. "Organic compounds containing a pentafluorothio group" <i>Russ. Chem. Bull.</i> , 1996, 45:2804-2806.	
	R5	HODGES, A.M. et al. " ω -Pentafluoro- λ^6 -sulfanyl(SF ₅)- <i>n</i> -perfluoroalkyl benzene derivatives" <i>J. Fluorine Chem.</i> , 2001, 110:1-4.	
	R6	SHEPPARD, W.A. "Arylsulfur Pentafluorides" <i>J. Am. Chem. Soc.</i> , 1962, 84:3064-3072.	
	R7	SIDEBOTTOM, H.W. et al. "Free Radical Addition to Olefins" <i>Trans. Faraday Soc.</i> , 1969, 65:2103-2109.	
	R8	SIPYAGM, A.M. et al. "Preparation of the first <i>ortho</i> -substituted pentafluorosulfanylbenzenes" <i>J. Fluorine Chem.</i> , 2001, 112:287-295.	
	R9	WESSEL, J. et al., <i>Chem. Ber.</i> , 1983, 116:2399-2407.	
	R10	WINTER, R. and G.L. GARD "New pentafluorothio (SF ₅) esters" <i>J. Fluorine Chem.</i> , 1994, 66:109-116.	
	R11		
	R12		
	R13		

Examiner Signature		Date Considered	May 23, 2004
--------------------	--	-----------------	--------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.